

RF EXPOSURE REPORT

Applicant	SNOOZ, INC
Address	6255 McLeod Dr. Suite 17 Las Vegas, NV 89120 USA

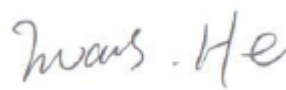
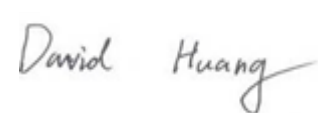
Manufacturer or Supplier	DONG GUAN KAN TSANG ELECTROACOUSTIC TECHNOLOGY CO., LTD.
Address	Room 402, Unit 1, No.8, Lu Yi Yi Road, Tang Xia Town, Dong Guan City, China.
Product	White Noise Machine
Brand Name	Snooz
Model	SNOOZ-B1
Additional Model & Model Difference	N/A
Date of tests	Nov. 26, 2020 ~ Dec. 23, 2020

☒ FCC Part 2 (Section 2.1091)

☒ KDB 447498 D01

☒ IEEE C95.1

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Evans He Project Engineer / EMC Department	Approved by David Huang Assistant Manager / EMC Department
	 Date: Dec. 25, 2020

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TABLE OF CONTENTS

RELEASE CONTROL RECORD	3
1. CERTIFICATION.....	4
2. RF EXPOSURE LIMIT	5
3. MPE CALCULATION FORMULA.....	5
4. CLASSIFICATION	5
5. ANTENNA GAIN	6
6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER.....	6



Test Report No.: FM2011WSZ0113

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2011WSZ0113	Original release	Dec. 25, 2020

1. CERTIFICATION

FCC ID:	2AXA7-SNOOZBUTTON
PRODUCT:	White Noise Machine
BRAND NAME:	Snooz
MODEL NO.:	SNOOZ-B1
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	SNOOZ, INC
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Mode	Transmitter Circuit	Peak Gain (dBi)	Antenna Type
BT	Chain 0	0	PCB Antenna
BLE	Chain 0	0	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
BT (GFSK)	2402-2480MHz	6	+2	4	8
BT (8DPSK)	2402-2480MHz	7	+2	5	9
BT-LE (GFSK)	2402-2480MHz	6	+2	4	8

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BT (GFSK)	2441	6.40
BT (8DPSK)	2441	7.40
BT-LE (GFSK)	2440	6.51

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480	9	0	20	0.00158	1.0

--- END ---